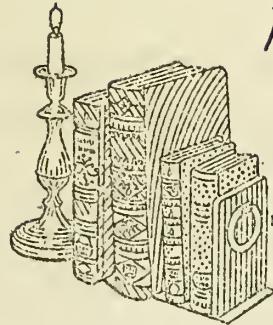


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# LIBRARY NEWSLETTER

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Vol. 11, Nos. 5-6.

November-December 1952.

"Read, mark, learn, and inwardly digest."

--Book of Common Prayer.

## NEW BOOKS

FOREST ENTOMOLOGY, by S. A. Graham. Third edition. McGraw-Hill, 1952. 351p.  
423 G762 Ed.3

Great advances have been made in the field of forest entomology since the publication of the first edition of this book in 1929. We have not only learned much that is new about the insects themselves, but, what is more important, we have learned much more about the ecology of forest pests. ... The development of new synthetic insecticides, especially DDT, has greatly increased the practicability of direct control of forest insects. ... The changes in control techniques and the other developments have required almost complete rewriting of the text so that this third edition is virtually a new book. Much of the new material presented here is based upon personal observations in the field and on unpublished reports. This is a book on forest entomology and not on forest insects. The insect species that are discussed are selected to illustrate principles and control practices. ... References to other species and additional selected references concerned with control practices and principles are included in the bibliography. From the Preface of the book.

LIVESTOCK HEALTH ENCYCLOPEDIA, compiled and edited by R. Seiden. Springer Publishing Co., 1952. 614p. 41 Se46

This volume is given an explanatory sub-title: The Control of Disease and Parasites in Cattle, Sheep and Goats, Swine, Horses and Mules, With Explanation of Veterinary, Medical, Pharmaceutical, Chemical, and Other Scientific Terms. Dr. Robert L. Anderes, Editor of Veterinary Medicine, tells us in the Foreword that the author is "eminently qualified by training, association, and experience to prepare an encyclopedia on livestock health." The author tells us that the hundreds of concise, descriptive articles, arranged alphabetically, are based on up-to-date official publications of the U. S. Department of Agriculture and other Federal Agencies, Agricultural Experiment Stations, State Colleges, their Agricultural Extension Services, etc. This compilation should be very helpful, and time saving, to all those concerned with the maintenance of the health of livestock and the control of animal disease.

SOIL PHYSICAL CONDITIONS AND PLANT GROWTH, edited by B.T. Shaw. Academic Press, 1952. 491p. 56.4 J66

"Here is Volume II of 'Agronomy,' a series of monographs prepared under the auspices of the American Society of Agronomy. ... The soil characteristics which influence the biophysical condition of soil are those which affect air, water, and temperature relations. Wide use has been made of aggregate analyses to evaluate soil physical conditions, but interpretation is difficult in that a given soil permeability, for instance, can be obtained with numerous combinations of different sized aggregates. The Committee chose to take a new attack--for example, in studying the influence of water on plant growth and also in studying the influence of soil aggregation on water relations. This monograph is primarily a discussion of the direct effect of the soil properties--grain size, apparent density, porosity, moisture content, temperature, and friability--on the nonphysical edaphic factors in plant growth. Nutrient supply and pH are also considered." From review in Chemurgic Digest, July 1952.

#### WE NEED YOUR HELP

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There is much transferring of personnel, our staff is very small, and we do not have the time to write to each office for clarification when we are puzzled about the situation, as we often are.

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Note to office clerks: Please give us all the information you can rather than merely write "Remove" on a routing slip.

PUBLICATIONS ON FORESTRY

"Accuracy of Forest Growth Determination Based on the Measurement of Increment Cores." Pa. Agr. Expt. Sta. B. 547, 25p. 1952 100 P38 547

"Cubic Content of Sawlogs in Standing Trees." Lake States Forest Expt. Sta. Tech. Notes 382, 1p. 1952. 1.9 F7625T 382

"Field and Laboratory Tests of Some Forest Rodent Control Preparations." Ore. State Board of Forestry, Research Notes 6, 14p. 1952. 99.9 Or32Rn 6

"Frill Girdle Tests with 2,4,5-T in Lower Michigan." Lake States Forest Expt. Sta. Tech. Notes 385, 1p. 1952. 1.9 F7625T 385

"Germination of Various Coniferous Seeds After Cold Storage." California Forest and Range Expt. Sta. Forest Research Notes 83, 7p. 1952. 1.9 F7626R 83

"The Grading of Logs and Trees: A Bibliography Compiled for the Log Grade Committee, U. S. Forest Service," by F. J. Flick. Northeastern Forest Expt. Sta. 1952. 16p. 1.9622 N2G75

"Growth of Selectively Cut Ponderosa Pine Stands in the Upper Columbia Basin." USDA Agr. Handbook 39, 28p. 1952. 1 Ag84Ah 39

"List of Publications on Logging, Manufacture, and Utilization of Timber, Lumber, and Other Wood Products." Forest Products Laboratory. No. R790, 22p. 1952. 1.9 F761R 790

Minnesota Forestry Notes. Issued by School of Forestry, University of Minnesota. 1952. 99.9 M66F

No. 1. Growth of Unthinned Jack Pine Stands at Cloquet. 2p.

No. 2. Characteristics of black spruce seed from cones of different areas.

No. 3. Regeneration Following Cutting in Black Spruce Swamps. 2p.

No. 4. Power Driving of Wood Fence Posts. 2p.

No. 5. Results of Testing Exotic Trees and Shrubs for Hardiness in Northern Minnesota. 2p.

No. 6. The Tolerance of Several Tree Species to TCA Used in Controlling Quack Grass (*Agropyron Repens* (L) Beauv.) in Nurseries. 2p.

No. 7. Reproduction Cutting in Tamarack. 2p.

No. 8. Computing Tree Volume Graphically. 2p.

No. 9. Growth of Mature Red Pine. 2p.

"Power-Saw Girdling Saves Time in Timber Stand Improvement." Lake States Forest Expt. Sta. Tech. Notes 383, 1p. 1952. 1.9 F7625T 383

"Pumice As A Medium For Stratifying Tree Seeds." Ore. State Board of Forestry. Res. Notes 5, 7p. 1952. 99.9 Or32Rn 5

"United States Tree Books: A Bibliography of Tree Identification." USDA Biblio. B. 20, 32p. 1952. 1 Ag84Bi 20

BULLETINS ON MISCELLANEOUS SUBJECTS

"The Agricultural Economy of Indonesia." USDA Agr. Monog. 15, 100p. 1952. 1 Ag84Am 15

"Beef Facts for Consumer Education." USDA Agr. Inf. B. 84, 21p. 1952. 1 Ag84Ai 84

"Better Crops & Incomes from Sandy Soils." Wis. Agr. Col. Ext. Serv. C. 402, 32p. 1951. 275.29 W75C 402

"Commercial Production of Tomatoes." USDA Farmers' B. 2045, 46p. 1952. 1 Ag84F 2045

"Control of Storage Insects in Sorghum Grain in South Texas." Tex. Agr. Expt. Sta. Prog. Rpt. 1488, 4p. 1952. 100 T31P

"Controlling Nematodes in the Home Garden." USDA Farmers' B. 2048, 11p. 1952. 1 Ag84F 2048

"Christmas Trees: The Tradition and the Trade." USDA Agr. Inf. B. 94, 22p. 1952. 1 Ag84Ai 94

"Cucamonga Broma: A New Grass for Covercropping." Calif. Agr. Expt. Sta. C. 401, 7p. 1950. 100 C12S 401

"Developing and Testing Irrigation Wells." SCS, Region 6. Reg. B. 114, 44p. 1952. 1.9608 R26 114

"Dry Beans, Peas, Lentils...Modern Cookery." USDA Leaflet 326, 24p. 1952. 1 Ag84L 326

"Drying Shelled Corn and Small Grain with Heated Air." USDA Leaflet 331, 12p. 1 Ag84L 331

"Effects of Breakage on Plant Development and Field Production With Sugarcane." USDA Tech. B. 1059, 15p. 1952. 1 Ag84Te 1059

"Farm Ponds--Their Utilization by Wildlife." Mo. Conservation Commission. 1952. 23p.

"Farm Production, Farm Disposition, and Value of Principal Field Crops, Revised Estimates 1944-49, by States." USDA Statistical B. 115, 91p. 1952. 1 Ag84S 115

"Futures Markets: Commodity Exchange Act and Commodity Exchange Authority." USDA Leaflet 330, 12p. 1952. 1 Ag84L 330

"High-Grade Alfalfa Hay: Methods of Producing, Baling, and Loading for Market." USDA Farmers' B. 1539, 29p. rev. 1952. 1 Ag84F

"Planning A Wholesale Frozen Food Distribution Plant." USDA Marketing Res. Rpt. 18, 61p. 1952. 1 Ag84Mr 18

"Prevention and Control of Decay in Dwellings." Forest Products Laboratory. Tech. Note 251, 6p. Rev. 1952. 1.9 F761R

"Seasonal Variation: Methods of Measurement and Tests of Significance." USDA Agr. Handbook 48, 16p. 1952. 1 Ag84Ah 48

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The Library Staff  
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A MERRY CHRISTMAS AND A HAPPY NEW YEAR

